

04/00
#4

BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/645,593

Source: O/PE

Date Processed by STIC: 9/7/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR FURTHER INFORMATION, PLEASE TELEPHONE MARK SPENCER,
703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	
2 <input type="checkbox"/> Wrapped Aminos	The amino acid number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	
3 <input type="checkbox"/> Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.	
4 <input type="checkbox"/> Misaligned Amino Acid Numbering	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.	
5 <input type="checkbox"/> Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text so that it can be processed.	
6 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's which represent more than one residue. As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.	
7 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
8 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: This sequence is intentionally skipped Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).	
9 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence. <210> sequence id number <400> sequence id number 000	
10 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Use of <220> to <223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
11 <input type="checkbox"/> Use of <213>Organism (NEW RULES)	Sequence(s) _____ are missing this mandatory field or its response.	
12 <input type="checkbox"/> Use of <220>Feature (NEW RULES)	Sequence(s) _____ are missing the <220>Feature and associated headings. Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown" Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)	
13 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.	

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/645,593

DATE: 09/07/2000
TIME: 14:27:09

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Output Set: N:\CRF3\09072000\I645593.raw

4 <110> APPLICANT: Chaudhary, Sarita
5 van Rooijen, Gijs
6 Moloney, Maurice
7 Singh, Surinder
9 <120> TITLE OF INVENTION: Flax Seed Specific Promoters
11 <130> FILE REFERENCE: 9369-147
C 13 <140> CURRENT APPLICATION NUMBER: US/09/645,593
> 14 <141> CURRENT FILING DATE: 2000-08-25
16 <150> PRIOR APPLICATION NUMBER: 60/151044
17 <151> PRIOR FILING DATE: 1999-08-27
19 <150> PRIOR APPLICATION NUMBER: 60/161,722
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P.J
Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING DATE: 09/07/2000
PATENT APPLICATION: US/09/645,593 TIME: 14:27:09

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118           35          40          45
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124   65           70          75          80
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RAW SEQUENCE LISTING DATE: 09/07/2000
PATENT APPLICATION: US/09/645,593 TIME: 14:27:09

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Output Set: N:\CRF3\09072000\I645593.raw

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 237 85 90 95
 239 Ala Leu Leu Ile Gly Phe Ala Val Ser Ala Phe Leu Ala Ser Gly Met
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645,593

6

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See next page

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actttatata tagtttaat aactaagttt aaccactcta ttatattat cgaaactatt 1620
tgtatgtctc ccctcttaat aaacttggta ttgtgtttac agaaccctata atcaaataat 1680
caataactcaa ctgaagtttgc tgcagttaat tgaaggatt aacggccaaat atgcactagt 1740
attatcaacc gaatagattt acactagatg gccatttcca tcaatatcat cggcgttctt 1800
cttcgttcca catatccccctt ctgaaacttgc agagacaccc gcaacttcat gtccttatta 1860
cgtgttacaa aatgaaaccc atgcattccat gcaaaactgaa gaatggcgca agaacccttc 1920
ccctccattt ttatgtggc gaccatccat ttcaccatct cccgctataa aacacccca 1980
tcacttcacc tagaacatca tcactacttgc ttatccatc caaaagatac ccaccatggc 2040
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cgagccggac aaaaccatcc aggccagaagc tggcaccatc gaggtatggg accagaaccg 2220
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tgtccagaga cattcgagga atcccgacgg caaggacaac aggccaaaca gggtagttcc 2520
caagaccaggc accagaagat ccggcgctt cgtgaaggtt acgtcattgc cgtccctgcc 2580
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gacacttcca gccacccaa ccaactggac aacaacccca ggttatataa gcatggccgt 2700
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cgacgagaac gtggcaagga ggctacagag cggaaacgc aacagaggcc agatcgccg 3000
agtgcagaaggc gagctcgaca tcgtcagacc tccgaccatc atccaggagg agtcacagga 3060

09/6/15, 593

7

gcagggaggt cgtgggtggc gcccgtacta ctccaaatggc gtggaggaga ctttcgtctc 3120
catgagacta attgagaaca tcggcgatcc ttctcggca gacatttca ctccagaagc 3180
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tcaggtgtcc gcactggAAC atcaacgcac acagcatagt gtacgcgatc agaggacaag 3420
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ggggaaagac ggccttctgg agtaggagtt cagcaagcgg cggttccttg gggagtaag 4380
cgacgtaaatggtggatc gacgtontcg ttcttggagg conattcatg aagggttaaa 4440 → see item 10
gtcanatctg tagctctcga gtgtctcaggaggg agccnaaaga cgttggaaa ccgtcncgt 4500
ttggggcattc agtcngcggg gcacgcttcc ctccctgtgc tccanaanch angtanattt 4560
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nangcngagg gacatgaanc ggtacngagc tnggttcan nnancggcgn nnggnagtcc 4800
cnngggaccn ggntgggtt anaagggaaan ggaacatnng gtnngnangga naanaccntt 4860
ttacnattgc ctttgcaggn nnntntnggc ncntncgggt nacatnccgc tgcattggct 4920
ttggggngcc nanaggnagc cncangggna nncngccncc ttgtncangn cgctnaagtt 4980
cnattgtana tggncgttg 4999

item 10
in
Error
summary
sheet

Please replace all n's in the sequence. The circled n's are a sample.

fjt

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/645,593

DATE: 09/07/2000
TIME: 14:27:10

Input Set : A:\Sequence
Output Set: N:\CRF3\09072000\I645593.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:412 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:412 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:412 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:412 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:412 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
M:340 Repeated in SeqNo=8
L:414 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:414 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:414 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:414 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8

VERIFICATION SUMMARY DATE: 09/07/2000
PATENT APPLICATION: US/09/645,593 TIME: 14:27:10

Input Set : A:\Sequence
Output Set: N:\CRF3\09072000\I645593.raw

L:455 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:10
L:455 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:10
L:455 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:10
L:455 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:10
L:455 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10